| Project Title  | Funding   | Strategic Plan Objective | Institution  |
|--|-----------|--------------------------|--|
| Developing treatment, treatment validation, and treatment scope in the setting of an autism clinical trial                   | \$0       | Q4.L.A                   | University of Medicine & Dentistry of New Jersey   |
| A multi-site double-blind placebo-controlled trial of memantine vs. placebo in children with autism                          | \$0       | Q4.L.A                   | Holland Bloorview Kids Rehabilitation Hospital   |
| Intranasal oxytocin for the treatment of children and adolescents with autism spectrum disorders (ASD)                       | \$0       | Q4.S.C                   | Holland Bloorview Kids Rehabilitation Hospital   |
| Exploration of resting-state network dynamics in autism spectrum disorders   | \$0       | Q4.Other                 | Harvard University   |
| The use of non-invasive brain stimulation to improve social relating in autism spectrum disorders                            | \$0       | Q4.S.F                   | Monash University  |
| Developing treatment, treatment validation, and treatment scope in the setting of an autism clinical trial                   | \$0       | Q4.L.A                   | University of Medicine & Dentistry of New Jersey -<br>Robert Wood Johnson Medical School |
| Developing treatment, treatment validation, and treatment scope in the setting of an autism clinical trial                   | \$0       | Q4.L.A                   | University of Medicine & Dentistry of New Jersey -<br>Robert Wood Johnson Medical School |
| A randomized, controlled trial of intranasal oxytocin as<br>an adjunct to behavioral therapy for autism spectrum<br>disorder | \$0       | Q4.S.C                   | Massachusetts General Hospital   |
| Metabolic signature of antipsychotics used in the treatment of autism  | \$0       | Q4.L.C                   | University of Cincinnati   |
| Metabolic factors affecting gamma synchrony  | \$25,000  | Q4.S.C                   | University of Louisville   |
| Leadership Education in Neurodevelopmental Disabilities  | \$26,000  | Q4.Other                 | University of Pennsylvania   |
| Trial of a glutamate antagonist in the treatment of OCD and autistic disorders   | \$33,959  | Q4.L.A                   | National Institutes of Health  |
| Randomized controlled trial of oxytocin treatment for social deficits in children with autism                                | \$50,600  | Q4.L.A                   | Stanford University  |
| Randomized phase 2 trial of RAD001 (an MTOR inhibitor) in patients with tuberous sclerosis complex                           | \$65,000  | Q4.L.A                   | Boston Children's Hospital   |
| Treatment of children with ASD and epileptiform EEG with divalproex sodium   | \$68,088  | Q4.S.A                   | Boston Children's Hospital   |
| Evaluation of a melanocortin agonist to improve social cognition in ASD.   | \$74,675  | Q4.L.A                   | University of Sydney   |
| Association of cholinergic system dysfunction with autistic behavior in fragile X syndrome: Pharmacologic and imaging probes | \$92,469  | Q4.L.A                   | Stanford University  |
| Mirtazapine treatment of anxiety in children and adolescents with pervasive developmental disorders                          | \$94,242  | Q4.L.C                   | Indiana University   |
| New experimental medicine studies: Fast-Fail Trials in autism spectrum disorders   | \$115,889 | Q4.L.A                   | University of California, Los Angeles  |
| Pharmacotherapy of pervasive developmental disorders   | \$182,830 | Q4.L.C                   | Indiana University-Purdue University Indianapolis  |
| Predictors of effects of propranolol on language & connectivity in autism  | \$192,150 | Q4.S.F                   | University of Missouri   |
| Building a selective inhibitory control tone in autism: An rTMS study  | \$219,780 | Q4.Other                 | University of Louisville   |
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| Project Title   | Funding     | Strategic Plan Objective | Institution                                 |
|---|-------------|--------------------------|---|
| Early pharmacotherapy guided by biomarkers in autism (supplement)                         | \$260,000   | Q4.S.F                   | Wayne State University                      |
| 3/3-Atomoxetine placebo and parent training in autism                                     | \$263,639   | Q4.S.F                   | University of Rochester                     |
| 1/3-Atomoxetine placebo and parent training in autism                                     | \$269,976   | Q4.S.F                   | University of Pittsburgh                    |
| ACE Center: Augmenting language interventions for ASD: A translational approach           | \$281,072   | Q4.L.A                   | University of California, Los Angeles       |
| Controlled trial of sertraline in young children with Fragile X Syndrome                  | \$285,970   | Q4.L.A                   | University of California, Davis             |
| 2/3-Atomoxetine placebo and parent training in autism                                     | \$350,730   | Q4.S.F                   | The Ohio State University                   |
| Biomarkers in Autism of Aripiprazole and Risperidone Treatment (BAART)                    | \$634,243   | Q4.S.F                   | Medical University of South Carolina        |
| ACE Network: Early pharmacotherapy guided by biomarkers in autism                         | \$1,996,122 | Q4.S.F                   | Wayne State University                      |
| Autism Intervention Research Network on Physical Health (AIR-P network)                   | \$2,079,996 | Q4.S.A                   | Massachusetts General Hospital              |
| ACE Network: Study of Oxytocin in Autism to Improve Reciprocal Social Behaviors (SOARS-B) | \$2,589,347 | Q4.L.A                   | University of North Carolina at Chapel Hill |